Put 10

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 10/049,568 CRF Processing Date: 3/12/2002

ENTERED Edited by: Verified by: (STIC staff) #4 Dnt 9-19-02

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____.
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

*Examiner: The abov corrections must be communicated to th applicant in th first Offic Action. DO NOT send a copy of this form.

3/1/95

RAW SEQUENCE LISTING DATE: 03/12/2002
PATENT APPLICATION: **US/10/049,568** TIME: 17:29:22

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF3\03122002\J049568.raw**

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     2 <110> APPLICANT: Merck Patent GmbH
     4 <120> TITLE OF INVENTION: Novel G-Protein coupled receptor
     6 <130> FILE REFERENCE: HGRL101KDWS
C--> 8 <140> CURRENT APPLICATION NUMBER: US/10/049,568
C--> 9 <141> CURRENT FILING DATE: 2002-02-15
    11 <160> NUMBER OF SEQ ID NOS: 2
    13 <170> SOFTWARE: PatentIn Ver. 2.1
    15 <210> SEQ ID NO: 1
    16 <211> LENGTH: 474
    17 <212> TYPE: DNA
    18 <213> ORGANISM: Homo sapiens
    20 <220> FEATURE:
    21 <221> NAME/KEY: CDS
    22 <222> LOCATION: (1)..(474)
    24 <400> SEQUENCE: 1
    25 gcc cag att tat tca gtg gca att ttt ctt ggt att aat ttg gcc gca   48
    26 Ala Gln Ile Tyr Ser Val Ala Ile Phe Leu Gly Ile Asn Leu Ala Ala
    27   1               5                  10                  15
    29 ttt atc atc ata gtt ttt tcc tat gga agc atg ttt tat agt gtt cat   96
    30 Phe Ile Ile Ile Val Phe Ser Tyr Gly Ser Met Phe Tyr Ser Val His
    31              20                  25                  30
    33 caa agt gcc ata aca gca act gaa ata cgg aat caa gtt aaa aaa gag   144
    34 Gln Ser Ala Ile Thr Ala Thr Glu Ile Arg Asn Gln Val Lys Lys Glu
    35          35                  40                  45
    37 atg atc ctt gcc aaa cgt ttt ttc ttt ata gta ttt act gat gca tta   192
    38 Met Ile Leu Ala Lys Arg Phe Phe Phe Ile Val Phe Thr Asp Ala Leu
    39      50                  55                  60
    41 tgc tgg ata ccc att ttt gta gcg aaa cct ctt tca ctg ctt cag gta   240
    42 Cys Trp Ile Pro Ile Phe Val Ala Lys Pro Leu Ser Leu Leu Gln Val
    43  65                  70                  75                  80
    45 gaa ata cca ggt acc ata acc tct tgg gta gtg att ggt tat tct gcc   288
    46 Glu Ile Pro Gly Thr Ile Thr Ser Trp Val Val Ile Gly Tyr Ser Ala
    47                  85                  90                  95
    49 att aac agt gct ttg aac cca att ctc tat act ctg acc aca aga cca   336
    50 Ile Asn Ser Ala Leu Asn Pro Ile Leu Tyr Thr Leu Thr Thr Arg Pro
    51              100                 105                 110
    53 ttt aaa gaa atg att cat cgg ttt tgg cat aac tac aga caa aga aaa   384
    54 Phe Lys Glu Met Ile His Arg Phe Trp His Asn Tyr Arg Gln Arg Lys
    55          115                 120                 125
    57 tct atg gac agc aaa ggt atc aga aaa cat atg ctc cat cat tca tct   432
    58 Ser Met Asp Ser Lys Gly Ile Arg Lys His Met Leu His His Ser Ser
    59      130                 135                 140
    61 ggg ggg aaa tgt ggc cac tgc agg aga tgc cac ctg agt taa           474
```

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62 Gly Gly Lys Cys Gly His Cys Arg Arg Cys His Leu Ser
63 145                 150                 155
66 <210> SEQ ID NO: 2
67 <211> LENGTH: 157
68 <212> TYPE: PRT
69 <213> ORGANISM: Homo sapiens
71 <400> SEQUENCE: 2
72 Ala Gln Ile Tyr Ser Val Ala Ile Phe Leu Gly Ile Asn Leu Ala Ala
73   1               5                  10                  15
74 Phe Ile Ile Ile Val Phe Ser Tyr Gly Ser Met Phe Tyr Ser Val His
75              20                  25                  30
76 Gln Ser Ala Ile Thr Ala Thr Glu Ile Arg Asn Gln Val Lys Lys Glu
77          35                  40                  45
78 Met Ile Leu Ala Lys Arg Phe Phe Phe Ile Val Phe Thr Asp Ala Leu
79      50                  55                  60
80 Cys Trp Ile Pro Ile Phe Val Ala Lys Pro Leu Ser Leu Leu Gln Val
81  65                  70                  75                  80
82 Glu Ile Pro Gly Thr Ile Thr Ser Trp Val Val Ile Gly Tyr Ser Ala
83                  85                  90                  95
84 Ile Asn Ser Ala Leu Asn Pro Ile Leu Tyr Thr Leu Thr Thr Arg Pro
85              100                 105                 110
86 Phe Lys Glu Met Ile His Arg Phe Trp His Asn Tyr Arg Gln Arg Lys
87          115                 120                 125
88 Ser Met Asp Ser Lys Gly Ile Arg Lys His Met Leu His His Ser Ser
89      130                 135                 140
90 Gly Gly Lys Cys Gly His Cys Arg Arg Cys His Leu Ser
91 145                 150                 155
```

VERIFICATION SUMMARY DATE: 03/12/2002
PATENT APPLICATION: **US/10/049,568** TIME: 17:29:23

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L:8 M:270 C: Current Application Number differs, Replaced Application Number
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date